

Title (en)  
SURGICAL RETRACTOR SYSTEM AND METHODS OF USE

Title (de)  
CHIRURGISCHES RETRAKTORSYSTEM UND VERWENDUNGSVERFAHREN DAFÜR

Title (fr)  
SYSTÈME D'ÉCARTEUR CHIRURGICAL ET PROCÉDÉS D'UTILISATION

Publication  
**EP 2744421 A4 20150506 (EN)**

Application  
**EP 12826211 A 20120817**

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Abstract (en)  
[origin: WO2013028571A1] The present disclosure describes a surgical retractor system and method. The surgical retractor includes an elongate element defining an operational axis, a first blade secured to the elongate element and comprising a blade face, a second blade moveably secured to the elongate element, wherein the second blade defines a reference point located thereon, and wherein a movement of the second blade moves the reference point in a linear direction parallel to the operational axis and orthogonal to the blade face. A guide element may be removably located within an opening located on either the first blade or the second blade.

IPC 8 full level  
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CPC (source: CN EP US)  
**A61B 17/0206** (2013.01 - CN EP US); **A61B 17/025** (2013.01 - US); **A61B 17/282** (2013.01 - CN EP US);  
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**F04C 2270/0421** (2013.01 - EP US)

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US10463355B1; US10799230B2; US10856861B2; US11744569B2

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US 2015051448 A1 20150219; US 2019209152 A1 20190711; US 2021169460 A1 20210610; US 2021212678 A1 20210715

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**US 2012051480 W 20120817**; AU 2012299061 A 20120817; CA 2845332 A 20120817; CN 201280044606 A 20120817;  
EP 12826211 A 20120817; JP 2014526262 A 20120817; US 201214239528 A 20120817; US 201816237247 A 20181231;  
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